

Title (en)
Fracturing with downhole foam mixing

Title (de)
Spaltenbildung mit Schaummischung im Bohrloch

Title (fr)
Fracturation avec mélange de mousse dans le puits

Publication
EP 1298280 B1 20080521 (EN)

Application
EP 02256175 A 20020905

Priority
US 96612801 A 20010928

Abstract (en)
[origin: EP1298280A1] A downhole formation (12) is fractured by locating a plurality of jet nozzles (22) in a spaced relation to the wall of the formation to form an annulus (28) between the nozzles and the formation. A non-acid containing stimulation fluid is pumped at a predetermined pressure through the nozzles, into the annulus, and against the wall of the formation, and a gas is introduced into the annulus so that the stimulation fluid mixes with the gas to generate foam before the mixture is jetted towards the formation to form fractures in the formation. <IMAGE>

IPC 8 full level
E21B 43/26 (2006.01); **E21B 43/267** (2006.01)

CPC (source: EP US)
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Cited by
CN105986802A; US9523268B2; WO2011050980A2; WO2015026545A1

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